

REMARKS/ARGUMENTS

1. Amendments to the specification:

Paragraph [0025] is amended to provide the correct numbering for the data lines.
No new matter is entered by the above amendment.

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2. Rejection of claims 1-3 under 35 U.S.C. 102(b) as being anticipated by Knapp (U.S. Publication No. 2002/0063671 A1).

10 Claim 1 has been amended to fully include the limitations of claim 2 and highlight
the driving method of the display panel of the claimed invention. The amended claim 1
of the claimed invention recites a display panel having a first scanning band, a second
scanning band, a third scanning band, a plurality of data lines, a plurality of pixel units,
and a first data driver and a second data driver. Specifically, when the display panel is
being driven, the first scanning band and the second scanning band are scanned
15 simultaneously, in which the first data driver uses the data lines to input the image data
into each pixel unit positioned in the first scanning band and the second data driver uses
the same data lines to input the image data into each pixel unit positioned in the second
scanning band.

20 In other words, after transmitting image data from the memory to the first data driver
and the second data driver, each pixel unit positioned in the first scanning band and the
second scanning band is being enabled simultaneously to accept the corresponding image
data through the data lines. In contrast to the claimed invention, the driving method
disclosed by Knapp involves using a control logic circuit 55 to drive the driver circuits
25 35A and 35B separately, as suggested in paragraph [0023] of the cited reference.

Paragraph [0023] of the cited reference reveals that the switching of the circuits 35A

and 35B is determined by a control logic circuit 55, in which the control logic circuit 55 powers and operates the circuits 35A and 35B in an alternating manner one after the other. In other words, each of the driver circuits of the cited reference neither enables nor outputs the corresponding image data to each pixel unit positioned in the first scanning
5 band and the second scanning band simultaneously, as stated in the claimed invention.

It is respectfully suggested that, in light of the above, Knapp does not teach or make obvious all of the limitations of the amended claim 1. Reconsideration of claim 1 is therefore politely requested. As claim 3 is dependent upon claim 1, applicant asserts
10 that if claim 1 is found allowable, claim 3 should additionally be found allowable. Reconsideration of claim 3 is therefore politely requested.

3. Rejection of claims 4-14 under 35 U.S.C 103(a) as being unpatentable over Knapp (U.S. Publication No. 2002/0063671 A1).

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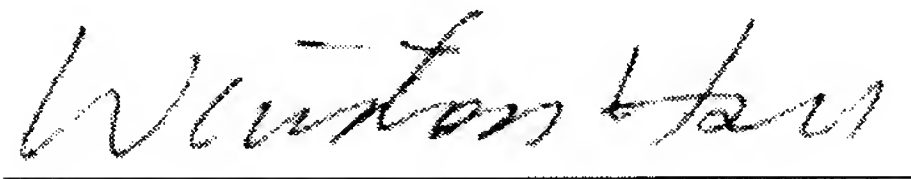
Applicant asserts that various scanning directional relationships between the first, second, and third direction have been disclosed in paragraph [0028] of the claimed invention. Paragraph [0028] of the claimed invention specifically teaches that by using a plurality of scanning lines to scan the first scanning band and the second scanning band
20 simultaneously and scan the third scanning band thereafter, each scanning line would gain more time to finish scanning and the occurrence of scan delay can be prevented. Knapp however does not expressively suggest the first and second scanning directions are identical, the third and first scanning directions are identical, the third and first scanning directions are opposite, or the first scanning direction and the second scanning direction
25 are opposite. Additionally, since claims 4-14 are dependant upon currently amended claim 1, applicant asserts that if claim 1 is found allowable, claims 4-14 should additionally be found allowable as being dependant on claim 1.

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Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

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Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)

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